

Amendments to the Specification:

Please delete the paragraph bridging pages 9 and 10 in favor of the following new paragraph.

As far as the metal phase (b) of the catalyst is concerned, it can be introduced by means of aqueous or alcohol impregnation. According to the first technique, the silica and alumina gel, also in extruded form, is wetted with an aqueous solution of a compound of a metal of Group VIB, for example ammonium heptamolibdate heptamolybdate, the resulting product is dried, is optionally calcined, and is then impregnated with an aqueous solution of a compound of the metal of Group VIII, for example cobalt nitrate. It is then dried and calcined in an oxidating oxidizing atmosphere ranging from 200 to 600° C. Alternatively a single aqueous solution containing both compounds of the metals of Groups VIB and VIII can be used for contemporaneously introducing these metals.

Please delete the paragraph of page 13, lines 4-20 in favor of the following new paragraph.

The gel thus obtained is bound with pseudoboehmite, the latter in a quantity of 39 % by weight with respect to the total weight of the calcined silica and alumina gel plus the ligand, extruded into cylindrical pellets and ground (40-70 mesh, $A_{\text{sup}} = 660 \text{ m}^2/\text{g}$). 10 g of the material thus obtained are then impregnated with 25 ml of aqueous solution containing 10.3 g of $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$ (NH₄)₆Mo₇O₂₄·4H₂O (Ammonium heptamolibdate heptamolybdate, hereafter called EMA) and left to rest at room temperature for 20 hours. The mixture is then dried in an oven in air at 110° C for 2 hours. The dried product is

Appl. No. 09/539,877
Reply to Advisory Action of April 18, 2003

subsequently impregnated with 12 ml of aqueous solution containing 1.17 g of $\text{Ce}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$ (Cobalt nitrate, hereafter called CoN), the whole mixture being left to rest at room temperature for 20 hours. It is then dried in an oven in air at 110° C for 1.5 hours and calcined at 500° C for 4 hours, in air (rising rate: 180° C/hour). The chemical analysis of catalyst A relating to the metal content is indicated in Table 1.
